

Date: Thursday, 4/12/2007 8:23:52 AM  
User: Kim Johnston

# Process Sheet

Customer	: CU-DAR001 Dart Helicopters Services	Drawing Name	: PLUG
Job Number	: 31670		
Estimate Number	: 12322		
P.O. Number	: N/A	Part Number	: D3492041
This Issue	: 4/12/2007 S.O. No. : N/A	Drawing Number	: D3492 REV B
Prsht Rev.	: NC	Project Number	: N/A
First Issue	: N/A Type : MACHINED PARTS	Drawing Revision	: B
Previous Run	: 29983	Material	: N/A
Written By	:	Due Date	: 4/23/2007
Checked & Approved By	: <u>JA 07/04/12</u>	Qty:	100 Um: Each
Comment	: est rev A 06.03.03 New Issue EC Est Rev:B 06-08-28 As per Rev B JLM		

Additional Product

Job Number:



Seq. #:	Machine Or Operation:	Description :
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1.0	M6061T6R0625	6061-T6 Round Bar .625"
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Comment: Qty.: 0.0656 f(s)/Unit Total : 6.5625 f(s)  
6061-T6 Round Bar .625"  
(M6061T6R0625)  
Batch: 103957

BC 07-05-09

2.0	HARDINGE	HARDINGE CNC LATHE SMALL
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Comment: HARDINGE CNC LATHE SMALL

1-Turn as per Folio FA633 & Dwg D3492  
Dwg Rev: B  
Folio Rev: AM

BC 07-05-09

102

3.0	QC2	INSPECT PARTS AS THEY COME OFF MACHINE
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Comment: INSPECT PARTS AS THEY COME OFF MACHINE

BC 05-07-09

102

4.0	QC8	SECOND CHECK
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Comment: SECOND CHECK

J.L 07/05/09

5.0	SMALL FAB 1	SMALL & MEDIUM FAB RESOURCE 1
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Comment: SMALL & MEDIUM FAB RESOURCE 1

1-Deburr

FL 07/05/14 (102)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA:    Date: 07/05/03  
 QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Thursday, 4/12/2007 8:23:52 AM  
User: Kim Johnston

## Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: PLUG

Job Number: 31670

Part Number: D3492041

Job Number:



Seq. #:

Machine Or Operation:

Description :

6.0

HAND FINISHING1

HAND FINISHING RESOURCE #1



Comment: HAND FINISHING RESOURCE #1

Chemical Conversion Coat as per QSI 005 4.1

fel

07/05/14

102

7.0

POWDER COATING

POWDER COATING



Comment: POWDER COATING

Powder Coat White Gloss (Ref: 4.3.5.1) as per QSI 005 4.3  
(Flat End Only)

M103706

sl

07-05-17

102

8.0

QC3

INSPECT POWDER COAT/CHEMICAL CONVERSION



Comment: INSPECT POWDER COAT/CHEMICAL CONVERSION

m-l

07/05/17

102x

9.0

NAS1611010

O-RING



Comment: Qty.: 1.0000 Each(s)/Unit Total : 100.0000 Each(s)

Qty Part Number Description

Batch

1 NAS1611-010 O-RING

M103500

m-l

07/05/17

102x

10.0

HAND FINISHING1

HAND FINISHING RESOURCE #1



Comment: Hand Finishing

2-Assemble O'Ring as per Dwg D3492 Applying some O'Ring Lube  
A/R 55-O'Ring Lube Batch:

M101223

m-l/sc

07/05/17

102x

11.0

QC3

INSPECT WORK TO CURRENT STEP



Comment: INSPECT WORK TO CURRENT STEP

U

07/05/23

102

12.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

FP-16

sl

07/05/23

102

13.0

QC21

FINAL INSPECTION/W/O RELEASE



Comment: FINAL INSPECTION/W/O RELEASE

07/05/23

102

Job Completion



U 07-05-23

**Dart Aerospace Ltd**

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

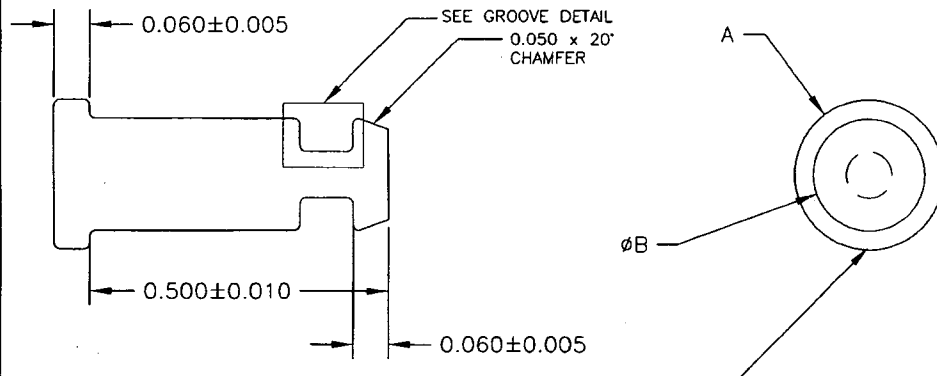
Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

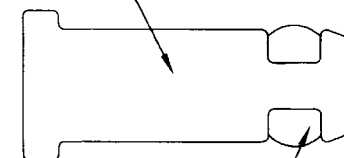
**NOTE:** Date & initial all entries





D3492-1/-3/-5/-7 PLUGS IN ACCORDANCE WITH TABLE 1

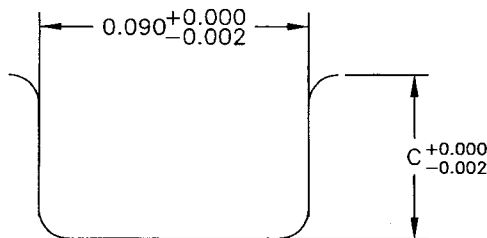
D3492-1/-3/-5/-7 PLUG IN ACCORDANCE WITH TABLE 2



NAS1611-005/-007/-010/-013 O-RING IN ACCORDANCE WITH TABLE 2

**D3492-041/-043/-045 PLUG ASSEMBLY**

**RELEASED**  
06.10.04 PH  
P/R ELN #351



GROOVE DETAIL

**TABLE 1 D3492-1/-3/-5/-7 PLUG DIMENSIONS**

P/N	A	B	C	MATERIAL SPEC
D3492-1	0.625	0.394	0.055	M6061T6R0.625
D3492-3	0.750	0.582	0.045	M6061T6R0.750
D3492-5	0.375	0.188	0.045	M6061T6R0.375
D3492-7	0.500	0.270	0.045	M6061T6R0.500



**D3492-1/-3/-5/-7 PLUG NOTES**

- MATERIAL: ALUMINUM 5052-H32 OR 6061-T6 OR 1100-0 PER QQ-A-225/7 (5052) OR QQ-A-225/8 (6061) OR QQ-A-200/8 (6061) OR QQ-A-225/1 (1100) (REF. DART MATERIAL SPEC M6061T6RD.DDD)
- FINISH: ACID ETCH AND ALODINE PER DART QSI 005 4.1 POWDER COAT WHITE (4.3.5.1) PER DART QSI 005 4.3
- ALL DIMENSIONS ARE IN INCHES
- TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTE
- BREAK ALL SHARP CORNERS 0.010 MAX

NO. 21670  
WORK ORDER  
UNCONTROLLED COPY  
ENGINEERING  
RETURN TO  
SUBJECT TO AMENDMENT  
WITHOUT NOTICE

**D3492-041/-043/-045 PLUG ASSEMBLY PARTS LIST**  
(TABLE 2)

Qty -041	Qty -043	Qty -045	Qty -047	Part Number	Description
X				D3492-041	PLUG ASSEMBLY
	X			D3492-043	PLUG ASSEMBLY
		X		D3492-045	PLUG ASSEMBLY
			X	D3492-047	PLUG ASSEMBLY
1				D3492-1	PLUG
	1			D3492-3	PLUG
		1		D3492-5	PLUG
			1	D3492-7	PLUG
		1		NAS1611-005	O-RING
			1	NAS1611-007	O-RING
1				NAS1611-010	O-RING
	1			NAS1611-013	O-RING



B	06.05.11	ADD -047; UPDATE DIM A,-045
A	06.01.04	NEW ISSUE
DESIGN	DRAWN BY	<b>DART</b> DART AEROSPACE USA, INC. PORT HADLOCK, OH
CHECKED	APPROVED	DRAWING NO. D3492
DATE	TITLE	PLUG
06.05.11		SCALE NTS

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